

WEST Search History

DATE: Tuesday, October 07, 2003

Set Name Query

side by side

DB=USPT; PLUR=YES; OP=AND

L1 d-glucal.clm. or dglucal.clm.

6 L1

L2 d-glucal or dglucal

47 L2

L3 L2 same (lactate or lactic or succinate or
succinic)

0 L3

END OF SEARCH HISTORY

WEST Search History

DATE: Tuesday, October 07, 2003

<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set</u>
				<u>Name</u>
	side by side			result set
<i>DB=USPT; PLUR=YES; OP=AND</i>				
L1		glucose.clm. near3 oxidase.clm.	921	L1
L2		catalase.clm.	552	L2
L3		alcohol.clm. near3 oxidase.clm.	137	L3
L4		(l1 or l2 or L3) same azide.clm.	14	L4
L5		(l1 or l2 or L3) and azide.clm. not l4	13	L5
L6		(l1 or l2 or L3) and azide.clm. not l4	13	L6
L7		(lactic or succinic or formic or malic or glycerolphosphate or glycerol-phosphate).ti,ab,clm.	14782	L7
L8		l7 and (azide or cyanide or cianyde or phenylethanol or nalidixicacid or nalidixic)	912	L8
L9		l7 and (azide or cyanide or cianyde or phenylethanol or nalidixicacid or nalidixic).ti,ab,clm.	182	L9
L10		l9 and (l1 or l2 or l3)	1	L10
L11		l9 and (oxidase or catalase).ti,ab,clm.	2	L11
L12		l11 not l10	1	L12
L13		(azide or cyanide or cianyde or phenylethanol or nalidixicacid or nalidixic) same (oxidase or catalase)	363	L13
L14		L13 same (lactic or succinic or formic or malic or glycerolphosphate or glycerol-phosphate)	7	L14
		(lactic or succinic or formic or malic or		

L15	glycerolphosphate or glycerol-phosphate).clm. same (broth or medium or media or cultur\$).clm.	614	L15
L16	I1 same (inhibitor or antagonist or blocker or inactivator).clm.	7	L16
L17	glucose near3 oxidase	6077	L17
L18	L17 near25 (antagon\$ or inhibit\$ or inactiv\$ or block\$)	182	L18
L19	L18 same (anaerob\$ or anox\$)	0	L19
L20	lactate or succinate or formate or glycerolphosphate	72077	L20
L21	lactic or succinic or formic or malic or glycerolphosphate or glycerol-phosphate	116129	L21
L22	L21 or I20	157297	L22
L23	(glucose near3 oxidase) or (alcohol near3 oxidase) or membrane azide or sodiumazide or cyanide or cianyde or	171382	L23
L24	carboxylcyanide or phenylethanol or pea or nalidixic or malidix or 3-at	60654	L24
L25	I22 and I23 and I24	7364	L25
L26	I22 same I23 same I24	24	L26
L27	I22.clm. and I23.clm. and I24.clm.	10	L27
L28	L27 not I26	10	L28

END OF SEARCH HISTORY

SYSTEM:OS - DIALOG OneSearch

File 155: MEDLINE(R) 1966-2003/Oct W1
(c) format only 2003 The Dialog Corp.
*File 155: Medline has been reloaded and accession numbers have changed. Please see HELP NEWS 155.
File 358: Current BioTech Abs 1983-2003/Aug
(c) 2003 DECHEMA
File 357: Derwent Biotech Res. 1982-2003/Oct W1
(c) 2003 Thomson Derwent & ISI
*File 357: File is now current. See HELP NEWS 357.
Alert feature enhanced for multiple files, etc. See HELP ALERT.
File 657: TRADEMARKSCAN(R)-France 2003/Oct W1
(c) 2003 Compu-Mark N.V.
*File 657: For latest Trademark issue information, TYPE 9999999/23.
*File reloaded with minor enhancements; no change in design.
File 672: TRADEMARKSCAN(R)-Germany 2003/Oct W1
(c) 2003 Compu-Mark N.V.
*File 672: For latest issue info, TYPE 9999999/23.
*Translated Goods and Services no longer searchable. See HELP NEWS 672
File 673: TRADEMARKSCAN(R)-Italy 2003/Oct W1
(c) 2003 Compu-Mark N.V.
*File 673: For latest trademark issue information, TYPE 9999999/23.
*Translated Goods and Services no longer searchable. See HELP NEWS 673
File 226: TRADEMARKSCAN(R)-US FED OG 030930/AP 031002
(c) 2003 Thomson & Thomson
*File 226: For latest issue info, TYPE 9999999/23 ***
Sept 24, 2003 - file reloaded with enhancements. See HELP NEWS 226.
File 160: Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 35: Dissertation Abs Online 1861-2003/Sep
(c) 2003 ProQuest Info&Learning
File 16: Gale Group PROMT(R) 1990-2003/Oct 03
(c) 2003 The Gale Group
*File 16: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.
File 65: Inside Conferences 1993-2003/Oct W1
(c) 2003 BLDSC all rts. reserv.
File 349: PCT FULLTEXT 1979-2002/UB=20031002, UT=20030925
(c) 2003 WIPO/Univentio
File 10: AGRICOLA 70-2003/Sep
(c) format only 2003 The Dialog Corporation
File 654: US Pat. Full. 1976-2003/Oct 02
(c) Format only 2003 The Dialog Corp.
*File 654: US published applications now online. See HELP NEWS 654 for details. Reassignments current through August 4, 2003.
File 73: EMBASE 1974-2003/Sep W4
(c) 2003 Elsevier Science B.V.
File 5: Biosis Previews(R) 1969-2003/Sep W4
(c) 2003 BIOSIS

Set Items Description
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Cost is in DialUnits

?ds

Set Items Description
S1 82 OXYRASE?/TI OR (OXYRASE? AND AZIDE?)
S2 70 RD (unique items)
?t s2/9/2 3 5 6 7 19 20 21 24 25 30 40 41 43 46 47 48 49 51 52 53 54 55 56 57 58 59 61 62
64 65 66 67 68 70

2/9/2 (Item 2 from file: 155)
DIALOG(R) File 155: MEDLINE(R)
(c) format only 2003 The Dialog Corp. All rts. reserv.

10337673 96140003 PMID: 8554759
Evaluation of Oxyrase enrichment method for isolation of Campylobacter
jejuni from inoculated foods.
Tran T T

Reconnected in file MEDICINE 24aug02 10:44:18

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2002/Aug W2
(c) 2002 BIOSIS

*File 5: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 34:SciSearch(R) Cited Ref Sci 1990-2002/Aug W4
(c) 2002 Inst for Sci Info

*File 34: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 35:Dissertation Abs Online 1861-2002/Jul
(c) 2002 ProQuest Info&Learning

File 48:SPORTDiscus 1962-2002/Aug
(c) 2002 Sport Information Resource Centre

File 65:Inside Conferences 1993-2002/Aug W3
(c) 2002 BLDS all rts. reserv.

File 71:ELSEVIER BIOBASE 1994-2002/Aug W3
(c) 2002 Elsevier Science B.V.

File 73:EMBASE 1974-2002/Aug W3
(c) 2002 Elsevier Science B.V.

*File 73: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 77:Conference Papers Index 1973-2002/Jul
(c) 2002 Cambridge Sci Abs

File 91:MANTIS(TM) 1880-2002/Oct
2001 (c) Action Potential

File 94:JICST-EPlus 1985-2002/Jun W4
(c)2002 Japan Science and Tech Corp(JST)

*File 94: There is no data missing. UDs have been adjusted to reflect

the current months data. See Help News94 for details.

File 98:General Sci Abs/Full-Text 1984-2002/Jul
(c) 2002 The HW Wilson Co.

File 135:NewsRx Weekly Reports 1995-2002/Aug W3
(c) 2002 NewsRx

File 144:Pascal 1973-2002/Aug W3
(c) 2002 INIST/CNRS

File 149:TGG Health&Wellness DB(SM) 1976-2002/Aug W3
(c) 2002 The Gale Group

File 155:MEDLINE(R) 1966-2002/Aug W3

*File 155: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 156:ToxFile 1965-2002/Aug W3

(c) format only 2002 The Dialog Corporation

*File 156: This file has been reloaded. Accession Numbers have changed.

File 159:Cancerlit 1975-2002/Jul

(c) format only 2002 Dialog Corporation

File 162:CAB HEALTH 1983-2002/Jul

(c) 2002 CAB INTERNATIONAL

*File 162: Truncating CC codes is recommended for full retrieval.

See Help News162 for details.

File 164:Allied & Complementary Medicine 1984-2002/Aug

(c) 2002 BLHCIS

File 172:EMBASE Alert 2002/Aug W3

(c) 2002 Elsevier Science B.V.

File 266:FEDRIP 2002/Jun

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File 369:New Scientist 1994-2002/Jul W4

(c) 2002 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3

(c) 1999 AAAS

*File 370: This file is closed (no updates). Use File 47 for more current information.

File 399:CA SEARCH(R) 1967-2002/UD=13708

(c) 2002 AMERICAN CHEMICAL SOCIETY

*File 399: Use is subject to the terms of your user/customer agreement.

Alert feature enhanced for multiple files, etc. See HELP ALERT.

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 1998 Inst for Sci Info

File 442:AMA Journals 1982-2002/Aug B1

(c)2002 Amer Med Assn -FARS/DARS apply

File 444:New England Journal of Med. 1985-2002/Aug W3

(c) 2002 Mass. Med. Soc.

File 467:ExtraMED(tm) 2000/Dec

(c) 2001 Informania Ltd.

*File 467: For information about updating status please see Help News467.

Set Items Description

Cost is in DialUnits

?ds

Set Items Description

S1 74719 AZIDE?

S2 380213 ANAEROB?

S3 97936 FACULTAT?

S4 141 S1 AND S2 AND S3

S5 69 S4/2000:2002

S6 72 S4 NOT S5

?t s6/9/69 6 2 21 16 14 15 63 64 66 60 50 48 47 45 42
31-69 30 11-13 1

6/9/69 (Item 5 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

02326397 76167486 PMID: 770451

Kinetic studies of *Bacillus polymyxa* nitrogenase.

Hermann T E; Wilson P W

Journal of bacteriology (UNITED STATES) May 1976, 126 (2) p743-50,

ISSN 0021-9193 Journal Code: 2985120R

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

Subfile: INDEX MEDICUS

Nitrogenase from the facultative anaerobe *Bacillus polymyxa* was separated into its component proteins, which were recombined in the ratio

WEST Search History

DATE: Tuesday, October 07, 2003

Set Name Query
sid by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=AND

L1	mitochondr\$ same azide	18	L1
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END OF SEARCH HISTORY

WEST



Generate Collection

L28: Entry 4 of 10

File: USPT

Mar 30, 1993

DOCUMENT-IDENTIFIER: US 5198336 A

TITLE: Bioassay for chemicals which generate prooxidant states

CLAIMS:

1. A method of assaying for the presence of prooxidant state inducing toxicants in a sample by spectrophotometric analysis comprising the steps of
 - (a) preparing a suspension including at least portions of mitochondrial membranes having a competent electron transport enzyme complex I thereon;
 - (b) adding to the suspension an assay medium including buffer salts; a selective mitochondrial enzyme inhibitor to inhibit electron flow to other enzyme complexes; and epinephrine;
 - (c) adding a quantity of the sample being tested;
 - (d) taking spectrophotometric baseline samples;
 - (e) adding a source of electron flow for forward electron transport into the enzyme complex I whereby an excess of electrons is created in enzyme complex I; and
 - (f) measuring the spectrophotometric response of the reaction to measure any increase in the presence of the reaction product of epinephrine, thus indicating the prooxidant activity of the sample.
2. A method as claimed in claim 1 wherein the suspension of at least portions of mitochondrial membranes includes submitochondrial particles.
3. A method as claimed in claim 1 wherein the mitochondrial membranes have been depleted in their content of superoxide dismutase.
4. A method as claimed in claim 1 wherein the mitochondrial inhibitor is selected from the group consisting of antimycin A, rotenone, cyanide, and amyta.
7. A method as claimed in claim 1 wherein the source of electron flow is succinate.
8. A kit for use in spectrophotometrically assaying for the presence in a sample of toxicants inducing prooxidant states comprising
a suspension of a mitochondrial membrane fraction carrying thereon competent enzymes of complex I of the

electron transport cascade;

an assay medium including a buffer salt and epinephrine, both selected so that the delivery of electrons to the enzyme complex will result in conversion of epinephrine to its reaction product only in the presence of a prooxidant inducing toxicant; and

a source of electron flow for forward electron transport into enzyme complex I whereby an excess of electrons is created in enzyme complex I and the electron flow is sufficient to cause the reaction to create the reaction product of epinephrine in the presence of a prooxidant inducing toxicant.

9. A kit as claimed in claim 8 wherein the mitochondrial membrane fraction is submitochondrial particles.

12. A kit as claimed in claim 11 wherein the mitochondrial enzyme inhibitor is selected from the group consisting of antimycin A, rotenone, cyanide, and amyta.

15. A kit as claimed in claim 8 wherein the source of electron flow is succinate.